

CLAIMS

1. An information processing apparatus comprising:

generating means for generating the playback designation information specifying the sequence of reproducing the information recorded on a recording medium and the management information supervising said playback designation information; and

recording means for recording said playback designation information and said management information, generated by said generating means, on said recording medium;

said management information containing the name information pertinent to the name assigned to said playback designation information at a time point of completion of playback which is based on said playback designation information;

said playback designation information containing the temporal information on a time point of completion of reproduction which is based on said playback designation information.

2. An information processing method comprising:

a step of generating the playback designation information specifying the sequence of reproducing the information recorded on a recording medium and the management information supervising said playback designation information; and

a step of recording said playback designation information and said management information, generated by said generating means, on said recording medium;

said management information containing the name information pertinent to the

name assigned to said playback designation information at a time point of completion of playback which is based on said playback designation information;

said playback designation information containing the temporal information on time point of completion of reproduction which is based on said playback designation information.

3. A recording medium having recorded thereon a computer-readable program, said computer-readable program including

a generating step of generating the playback designation information specifying the sequence of reproducing the information recorded on a recording medium and the management information supervising said playback designation information; and

a recording step of recording said playback designation information and said management information, generated by said generating means, on said recording medium;

said management information containing the name information pertinent to a name assigned to said playback designation information at a time point of completion of playback which is based on said playback designation information;

said playback designation information containing the temporal information on the time point of completion of reproduction which is based on said playback designation information.

4. A program for having a computer execute

a step of generating the playback designation information specifying the

sequence of reproducing the information recorded on a recording medium and the management information supervising said playback designation information; and

a step of recording said playback designation information and said management information, generated by said generating means, on said recording medium;

said management information containing the name information pertinent to a name assigned to said playback designation information at a time point of completion of playback which is based on said playback designation information;

said playback designation information containing the temporal information on the time point of completion of reproduction which is based on said playback designation information.

5. An information processing apparatus for reproducing the main information from a recording medium having recorded thereon the playback designation information specifying the playback sequence of said main information recorded and the management information supervising said playback designation information, said apparatus comprising:

control means for controlling the playback of the main information on said recording medium based on said management information containing the name information pertinent to a name assigned to said playback designation information at a time point of completion of playback, performed in accordance with said playback designation information, and on said playback designation information containing the temporal information on time point of completion of playback performed in accordance

with said playback designation information.

6. An information processing method for reproducing the main information from a recording medium having recorded thereon the playback designation information specifying the playback sequence of said main information recorded and the management information supervising said playback designation information, said method comprising:

a control step of controlling the playback of the main information on said recording medium based on said management information containing the name information pertinent to a name assigned to said playback designation information at a time point of completion of playback, performed in accordance with said playback designation information, and on said playback designation information containing the temporal information on time point of completion of playback performed in accordance with said playback designation information.

7. A recording medium having recorded thereon a computer-readable program for an information processing apparatus for reproducing the main information from a recording medium having recorded thereon the playback designation information specifying the playback sequence of said main information recorded and the management information supervising said playback designation information, said program including

a control step of controlling the playback of the main information on said recording medium based on said management information containing the name

information pertinent to a name assigned to said playback designation information at a time point of completion of playback, performed in accordance with said playback designation information, and on said playback designation information containing the temporal information on time point of completion of playback performed in accordance with said playback designation information.

8. A program to be executed by a computer controlling an information processing apparatus reproducing the main information from a recording medium having recorded thereon the playback designation information specifying the playback sequence of said main information recorded and the management information supervising said playback designation information, said program having said computer execute a control step of controlling the playback of the main information on said recording medium based on said management information containing the name information pertinent to a name assigned to said playback designation information at a time point of completion of playback, performed in accordance with said playback designation information, and on said playback designation information containing the temporal information on the time point of completion of playback performed in accordance with said playback designation information.

9. A recording medium having recorded thereon the main information, the playback designation information specifying the playback sequence of the main information recorded and the management information supervising said playback designation information;

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said management information containing the name information on the name assigned to said playback designation information at a time point of completion of playback performed in accordance with said playback designation information;

said playback designation information containing the temporal information on a time point of completion of playback performed in accordance with said playback designation information.

10. An information processing apparatus comprising:

generating means for generating the playback designation information specifying the sequence of reproducing the information recorded on a recording medium and the management information supervising said playback designation information; and

recording means for recording said playback designation information and said management information, generated by said generating means, on said recording medium;

said management information containing reading permission information pertinent to allowance of reading of the totality of the playback designation information supervised by said management information;

said playback designation information containing the reading permission information pertinent to allowance of reading of said playback designation information.

11. An information processing method comprising:

a generating step of generating the playback designation information specifying the sequence of reproducing the information recorded on a recording medium and the

management information supervising said playback designation information; and

a recording step of recording said playback designation information and said management information, generated by said generating step, on said recording medium;

said management information containing reading permission information pertinent to allowance of reading of the totality of the playback designation information supervised by said management information;

said playback designation information containing the reading permission information pertinent to allowance of reading of said playback designation information.

12. A recording medium having recorded thereon a computer-readable program, said computer-readable program including

a generating step of generating the playback designation information specifying the sequence of reproducing the information recorded on a recording medium and the management information supervising said playback designation information; and

a recording step of recording said playback designation information and said management information, generated by said generating step, on said recording medium;

said management information containing reading permission information pertinent to allowance of reading of the totality of the playback designation information supervised by said management information;

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said playback designation information containing the reading permission information pertinent to allowance of reading of said playback designation information.

13. A program for having a computer execute a generating step of generating the playback designation information specifying the sequence of reproducing the information recorded on a recording medium and the management information supervising said playback designation information; and

a recording step of recording said playback designation information and said management information, generated by said generating step, on said recording medium;

said management information containing reading permission information pertinent to allowance of reading of the totality of the playback designation information supervised by said management information;

said playback designation information containing the reading permission information pertinent to allowance of reading of said playback designation information.

14. A recording medium having recorded thereon the main information, the playback designation information specifying the playback sequence of the main information recorded and the management information supervising said playback designation information;

said management information containing reading permission information pertinent to allowance of reading of the totality of the playback designation information supervised by said management information;

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said playback designation information containing the reading permission information pertinent to allowance of reading of said playback designation information.

15. An information processing apparatus comprising:

generating means for generating the playback designation information specifying the sequence of reproducing the information recorded on a recording medium and the management information supervising said playback designation information; and

recording means for recording said management information generated by said generating means on said recording medium;

said management information containing the playback sequence information for registering, in the playback sequence, the totality of said playback designation information supervised by said management information;

said playback sequence information containing the temporal information for playback domains thereof.

16. An information processing method comprising:

a generating step of generating the playback designation information specifying the sequence of reproducing the information recorded on a recording medium and the management information supervising said playback designation information; and

a recording step of recording said management information generated by said generating means on said recording medium;

said management information containing the playback sequence information for registering, in the playback sequence, the totality of said playback designation

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information supervised by said management information;

said playback sequence information containing the temporal information for playback domains thereof.

17. A recording medium having recorded thereon a computer-readable program, said computer-readable program including

a generating step of generating the playback designation information specifying the sequence of reproducing the information recorded on a recording medium and the management information supervising said playback designation information; and

a recording step of recording said management information generated by said generating means on said recording medium;

said management information containing the playback sequence information for registering, in the playback sequence, the totality of said playback designation information supervised by said management information;

said playback sequence information containing the temporal information for playback domains thereof.

18. A program for having a computer execute a generating step of generating the playback designation information specifying the sequence of reproducing the information recorded on a recording medium and the management information supervising said playback designation information; and

a recording step of recording said management information generated by said generating means on said recording medium;

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said management information containing the playback sequence information for registering, in the playback sequence, the totality of said playback designation information supervised by said management information;

said playback sequence information containing the temporal information for playback domains thereof.

19. An information processing apparatus for reproducing the main information from a recording medium having recorded thereon the playback designation information specifying the playback sequence of said main information recorded and the management information for supervising said playback designation information, said information processing apparatus comprising:

control means for controlling the playback of the main information of said recording medium based on said management information including the playback designation information registering, in the playback sequence, the totality of said playback designation information supervised by said management information, and on said playback designation information containing the temporal information for playback domains thereof.

20. An information processing method for reproducing the main information from a recording medium having recorded thereon the playback designation information specifying the playback sequence of said main information recorded and the management information for supervising said playback designation information, said information processing method comprising:

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a control step of controlling the playback of the main information of said recording medium based on said management information including the playback designation information registering, in the playback sequence, the totality of said playback designation information supervised by said management information, and on said playback designation information containing the temporal information for playback domains thereof.

21. A recording medium having recorded thereon a computer-readable program for an information processing apparatus reproducing the main information from a recording medium having recorded thereon the playback designation information specifying the playback sequence of said main information recorded and the management information supervising said playback designation information, said computer-readable program including

a control step of controlling the playback of the main information of said recording medium based on said management information including the playback designation information registering, in the playback sequence, the totality of said playback designation information supervised by said management information, and on said playback designation information containing the temporal information for playback domains thereof.

22. For use in a computer controlling an information processing apparatus reproducing the main information from a recording medium having recorded thereon the playback designation information specifying the playback sequence of said main information

recorded and the management information for supervising said playback designation information, a program for having said computer execute a control step controlling the playback of said main information of said recording medium based on said management information including the playback designation information registering, in the playback sequence, the totality of said playback designation information supervised by said management information, and on said playback designation information containing the temporal information for playback domains thereof.

23. A recording medium having recorded thereon the main information, the playback designation information specifying the playback sequence of the main information recorded and the management information supervising said playback designation information;

said management information containing the playback sequence information for registering, in the playback sequence, the totality of said playback designation information supervised by said management information;

said playback designation information containing the temporal information for playback domains thereof.